

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHC-53YE-1RF

PROPELLER S/N FP39928

LOGBOOK # 7

20-20

1. Approving Civil Aviation Authority/Country: **FAA/United States**

2. **AUTHORIZED RELEASE CERTIFICATE**
 FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: **45760**

4. Organization Name and Address:
New England Propeller Service, Inc
FAA RSN RC2R130L
EASA 145.5972

6 Matthews Drive
 East Haddam, CT 06423-2388
 (860) 873-1494 • Fax: (860) 873-2388

5. Work Order/Contract/Invoice Number: **CR-45760**

6. Item: 1
 7. Description: **Hartzell-Propeller**
 8. Part Number: **PHC-J3YF-1RF / F7693DFB**
 9. Quantity: **1**
 10. Serial Number: **FP3992B**
 11. Status/Work: **Overhauled**

12. Remarks
THIS PROPELLER WAS REPAIRED IN ACCORDANCE WITH MANUFACTURER'S MANUALS:
 113BR46 133CR38 202A V1R57 202A V2R31
 202A V3R38 202A V6R35 202A V7R48 202A V8R33
 202A V10R36 202A V11R36

Total Time: **1,441.30** hrs
 Time Since Overhaul: **00.00** hrs

Details of work performed are on file at New England Propeller Service, Inc. under Repair Station Work Order Number: **CR-45760**
 The following work was performed:

MAJOR OVERHAUL. BLADES REFINISHED. PARTS FLORESCENT PENETRANT INSPECTED, MAGNAFLUXED & REPLACED WHERE REQUIRED. PROPELLER TRACKED, BALANCED, GREASED, SET ANGLES AND PAINTED. BLADES KNOBS SHOTPEENED.

Blade Serial #'s:	1.)	2.)	3.)	4.)	5.)	6.)
	K26298	K26295	K26299	N/A	N/A	N/A

MAJOR PARTS REPLACED

Nomenclature	Part #	Qty.	Reason

have been compiled with:

PROPELLER MAINTENANCE RECORD

Position One

Propeller Model PHC-534F-1RF

Propeller S/N FP3992B

Blade Design F7693DFB

Blade S/N's

No. 1 K26298

No. 2 K26295

No. 3 K26299

No. 4 _____

No. 5 _____

No. 6 _____

Spinner Assembly Part No. _____

PITCH RANGE

High/Feather _____

Start Lock _____

Low _____

Reverse _____

Aircraft Manufacturer CIRQUE DESIGN

Aircraft Model SA-22

S/N 1597

Registration N913MT



1940 Airport Court
Great Falls, MT. 59404
PH (406) 453-3884
Fax (406) 453-7204

A/C Total Time: 143.0
Propeller TSN: 143.0



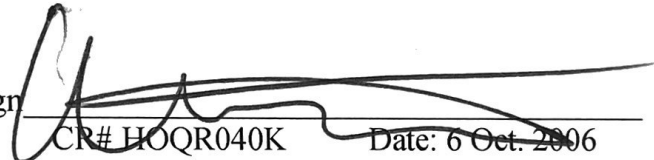
1940 Airport Court
Great Falls, MT. 59404
PH (406) 453-3884
Fax (406) 453-7204

A/C Total Time: 238.1
Propeller TSN: 238.1

N913MT Maker: Cirrus Model: SR22 S/N: 1597
Hartzell Model: PHC-J3YF-1RF S/N FP3992B

This Propeller was inspected in accordance with a 100 Hour Insp. using a Cirrus Design checklist for 100-hour. All the following maintenance was complied with in accordance with Cirrus AMM. Lubricated propeller. This propeller was ground operated and all systems checked within limits. I certify that this propeller has been inspected in accordance with a 100-hour Inspection and was determined to be in Airworthy Conditions. Pertinent details of this maintenance action can be found at this Repair Station under Work Order # 71603.

Sign


CR# HOQR040K Date: 6 Oct. 2006

N913MT Maker: Cirrus Model: SR22 S/N: 1597
Hartzell Model: PHC-J3YF-1RF S/N FP3992B

This Propeller was inspected in accordance with a 100 Hour Insp. using a Cirrus Design checklist for 100-hour. All the following maintenance was complied with in accordance with Cirrus AMM. Lubricated propeller. This propeller was ground operated and all systems checked within limits. I certify that this propeller has been inspected in accordance with a 100-hour Inspection and was determined to be in Airworthy Conditions. Pertinent details of this maintenance action can be found at this Repair Station under Work Order # 72490.

Sign


CRS# HOQR040K Date: 2 Jan. 2008

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		



6741 Gemende Dr.
Riverside, CA 92504
951-689-1160

Make: CIRRUS DESIGN Model: SR22 Reg. No.: N913MT
 Date: 02/09/09 00:00 S/N: 1597 Tach Time: 335.20
 Propeller Log Type: PHCJ3YF1RF S/N: FP3992B

Performed Annual Inspection IAW Cirrus SR-22 Maintenance Manual and check list. Lubricated prop hub with AroShell 6 grease. Dressed prop blades. Details of inspection on record at this repair station. Ops check satisfactory as per manufacture specs. Propeller is in airworthy condition. Certified Repair Station #Y8ER561Y

[Handwritten Signature]

Propeller	PHC-J3YF-1RF	S/N FP3992B
Date	<u>2/4/2010</u>	TTSN <u>431.0</u>
TACH	<u>N/A</u>	TSMOH <u>-----</u>
HOBBS	<u>431.0</u>	TSPOH <u>N/A</u>

Dressed propeller blade leading edges. I certify that this propeller has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

SIGNED *[Handwritten Signature]*

Kevin Booth A&P 2764111 I.A.

Propeller **PHC-J3YF-1RF** **S/N FP3992B**

Date 2/10/2011 TTSN 572.4

TACH N/A TSMOH -----

HOBBS 572.4 TSPOH N/A

I certify that this propeller has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

SIGNED



Kevin Booth A&P 2764111 I.A.

Propeller **PHC-J3YF-1RF** **S/N FP3992B**

Date 3/1/2012 TTSN 766.6

TACH N/A TSMOH -----

HOBBS 766.6 TSPOH N/A

I certify that this propeller has been inspected in accordance with an annual inspection and found to be in an airworthy condition.

SIGNED



Kevin Booth A&P 2764111 I.A.

Propeller	PHC-J3YF-1RF	S/N FP3992B
Date	<u>4/8/2015</u>	TTSN <u>1223.1</u>
TACH	<u>N/A</u>	TSMOH <u>-----</u>
HOBBS	<u>1223.1</u>	TSPOH <u>N/A</u>

I certify that this propeller has been inspected in accordance with an annual inspection and found to be in an airworthy condition.

SIGNED 

Kevin Booth A&P 2764111 I.A.

Propeller	PHC-J3YF-1RF	S/N FP3992B
Date	<u>5/2/2016</u>	TTSN <u>1282.5</u>
TACH	<u>N/A</u>	TSMOH <u>-----</u>
HOBBS	<u>1282.5</u>	TSPOH <u>N/A</u>

I certify that this propeller has been inspected in accordance with an annual inspection and found to be in an airworthy condition.

SIGNED 

Kevin Booth A&P 2764111 I.A.

May 1 2019 Hobbs 1394.0 Total time since new 1394.0

Completed ANNUAL INSPECTION

Engine run up proved propeller is within limits
removed spinner cleaned hub
replaced damaged fasteners
dressed blades as needed

I certify that this propeller was inspected IAW
ANNUAL INSPECTION and determined to be in
airworthy condition



Eduardo Bautista
A&P 337488916 IA

12-18-19	1441.3	TT	Prop removed for routine overhaul
			Peter Conner
			A&P 1628408

Yankee Aviation Services Inc.
246 South Meadow Road
Plymouth, MA 02360

N013MT
WO: 010775

Date:01-06-2020
Hobbs: 1441.3

Installed prop S/N F3992B after overhaul by New England Prop under their
WO CR45760. Engine run up appears normal.



Peter G. Conner
A&P 1628408



Engine Logbook
N913MT
Hartzell HC-J3YF-2RF
Aircraft Hours: 1802.7

W/O: MX-2793 Date: Jan. 2, 2024
Cirrus SR22 AC S/N: 1597
Prop S/N: FP3992B

Complied with the following items:

- Propeller anti-ice blade feed tube orientation was found to be incorrect on all 3 blades. Performed Adjustment/Test of all 3 blade feed tube orientation, in accordance with SR22 Airplane Maintenance Manual ATA 30-60.
- Serviced propeller hub with Aeroshell 5 grease, in accordance with Hartzell Propeller Manual 115N.
- Performed annual inspection on this propeller per the requirements of FAR 43 Appendix D and SR22 Airplane Maintenance Manual ATA 05 and found it to be in an airworthy condition at this time.

All work performed in accordance with the manufacturer's recommended procedures and is approved for return to service.

Signed: _____

For Chantilly Air, Inc., CRS ZH9R864J Manassas, Virginia 20110 (703) 361-8253